


<p align="center">Alaska Department of Environmental Conservation Air Quality Control Construction Permit Application</p>	<p>ADEC USE ONLY Receiving Date: _____</p> <p>ADEC Control #: _____</p> 
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FORM G – AIR QUALITY MODELING INFORMATION

You should submit Form G if you are required to conduct a modeling analysis under 18 AAC 50.310(c)(5), (d)(2), (g) and/or (n). You should update and resubmit Form G each time you submit a revised modeling analysis.

Modeling assessments are dependent on the approach and assumptions used to characterize the emission sources and dispersion characteristics. Therefore, you will also need to submit a written description of the modeling tools and assumptions, the modeling results and whether the results indicate compliance with the ambient air quality standards and increments (as applicable), along with an electronic copy of the modeling files. Please refer to ADEC's Air Quality Modeling Checklist for additional information regarding the typical items you need to submit in order for ADEC to adequately review your analysis. The checklist is provided for your information. You do not need to submit it with your application.

ADEC encourages you to submit a modeling protocol for review and approval well in advance of submitting your modeling analysis. Modeling protocols help identify potential modeling concerns before you spend considerable time and money on a modeling demonstration. ADEC's Air Quality Modeling Checklist provides an outline of the potential issues you should discuss in your protocol.

Please contact ADEC's Construction Permit Group at (907) 465-5100 if you have any questions regarding modeling requirements or recommendations for your specific permit application.

Stationary Source Name:	
General Location:	
Owner/Operator:	Application/Revision Date:
Modeling Contact Name:	
Modeling Contact Company:	
Address:	
Telephone #:	FAX #:
E-Mail Address:	

Check the applicable box

- ☐ Is this an original modeling submittal for this application, OR
- ☐ a revised modeling submittal for this application?

If this is a revised submittal, you will need to provide a written description of what you changed, along with the revised modeling files. Please also indicate the items that you changed (check all that apply).

- | | |
|--|---|
| <input type="checkbox"/> Emissions | <input type="checkbox"/> NAAQS Analysis |
| <input type="checkbox"/> Source Information | <input type="checkbox"/> PSD Increment Analysis |
| <input type="checkbox"/> Meteorology | <input type="checkbox"/> Class I Area Analysis |
| <input type="checkbox"/> Receptor Grid | <input type="checkbox"/> Additional Impact Analysis |
| <input type="checkbox"/> Load Screening Analysis | <input type="checkbox"/> Visibility Analysis |

FORM G – AIR QUALITY MODELING INFORMATION

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Significant Impact Analysis

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Other

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Monitoring Significance Analysis